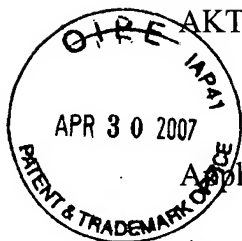


Flw

PATENT

AKTINO.0004P



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Igor Shen Djokovic, et al.) Group Art Unit: 2661
App. No. : 10/717,702)
Filed : November 19, 2003)
For : MULTI-CHANNEL)
COMMUNICATION SYSTEM FOR)
MULTIPLE INPUT, MULTIPLE)
OUTPUT PROCESSING OF AN)
ENCODED SIGNAL)
Examiner : Unknown)

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

April 27, 2007

(Date)
C. W. Miller

Chad W. Miller, Reg. No. 44,943

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing references, and copies of the 8 publications are provided. This Information Disclosure Statement is being filed before the mailing of the first Office Action on the merits, and as such, no fee is required in accordance with 37 C.F.R. § 1.97(b)(3).

Respectfully submitted,

Dated:

4/27/07

By:

C. W. Miller

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
(MODIFIED) PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

AKTINO.0004P

APPLICATION NO.

10/717,702

**INFORMATION DISCLOSURE CITATION
BY APPLICANT**

APPLICANT(S)

Igor Shen Djokovic, et al.

FILING DATE

November 19, 2003

GROUP ART UNIT

2661

APR 30 2007

(USE SEVERAL SHEETS IF NECESSARY)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPLICABLE)
	5,285,474	02/1994	Chow, et al.			
	5,479,447	12/1995	Chow, et al.			
	5,673,290	09/1997	Cioffi			
	5,887,032	03/1999	Cioffi			
	2001/0048667	12/2001	Hamdi			
	6,252,901	06/2001	Mueller, et al.			
	6,345,071	02/2002	Hamdi			
	2003/0026282	02/2003	Gross, et al.			
	6,520,744	02/2003	Verbin, et al.			
	2003/0081759	05/2003	Harris			
	2003/0086362	05/2003	Hasegawa, et al.			
	6,567,464	05/2003	Hamdi			
	6,587,502	07/2003	Hendrichs, et al.			
	2003/0123487	07/2003	Blackwell, et al.			
	6,711,207	03/2004	Amrany, et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	WO 03/105339	12/2003	PCT				
	WO 03/105352	12/2003	PCT				

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

Eric W. Weisstein, "Eric Weisstein's World of Mathematics - Diagonal Matrix", © 1999 CRC Press LLC, © 1999-2003 *Wolfram Research, Inc.*, 2 pages,

Steffen Trautmann, et al., "A New Equalizer for Multitone Systems Without Guard Time", *IEEE Communications Letters*, Vol. 6, No. 1, January 2002, pp. 34-36

EXAMINER

DATE CONSIDERED

***EXAMINER:** INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (MODIFIED) PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION BY APPLICANT (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. AKTINO.0004P	APPLICATION NO. 10/717,702
	APPLICANT(S) Igor Shen Djokovic, et al.	
	FILING DATE November 19, 2003	GROUP ART UNIT 2661

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPLICABLE)
		2004/0085987	05/2004	Gross, et al.			
		2004/0105465	06/2004	Gross, et al.			
		2004/0223511	11/2004	Tzannes			

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	Jeffrey Wu, et al., "Efficient Matrix Multiplication Methods to Implement a Near-optimum Channel Shortening Method for DMT Transceivers", The University of Texas at Austin, Asilomar Conference, October 30, 2000, 14 pages	
	J. Cioffi, "Digital Duplexing: VDSL Performance Improvement by Aversion of Frequency Guard Bands (TD13)", ETSI TM6 Edinburgh, September 20-24, 1999, pp. 1-16	
	Lei Wang, et al., "Low-Power AEC-Based MIMO Signal Processing for Gigabit Ethernet 1000Base-T Transceivers", Copyright 2001, ACM 1-58113-371-5/01/0008, pp. 334-339	
	Arthur Redfern, et al., "Expanding the Reach of ADSL", http://www.commsdesign.com/story.OEG20030717S0028 , July 17, 2003, 2 pages	

EXAMINER	DATE CONSIDERED
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